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## **APPENDIX A**

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1. In a data-over-cable system including a plurality of network devices, a method for providing dynamic services, comprising the following steps:

receiving a first message on a second network device on a data-over-cable system from a first network device on the data-over-cable system, wherein the first message includes a plurality of service parameters for a desired service for a service device associated with the first network device;

extracting the plurality of service parameters for the desired service from the first message;

creating a service session profile for the desired service, wherein the service session profile includes one or more of the extracted service parameters required by the desired service, and wherein the service session profile is used by a session server associated with the data-over-cable system to activate the desired service;

associating the service session profile with a deferred inactive service identifier for the first network device, wherein the deferred inactive service identifier is used to activate the desired service at a later time; and

returning the deferred inactive service identifier to the first network device in a second message.